

FIG. 1

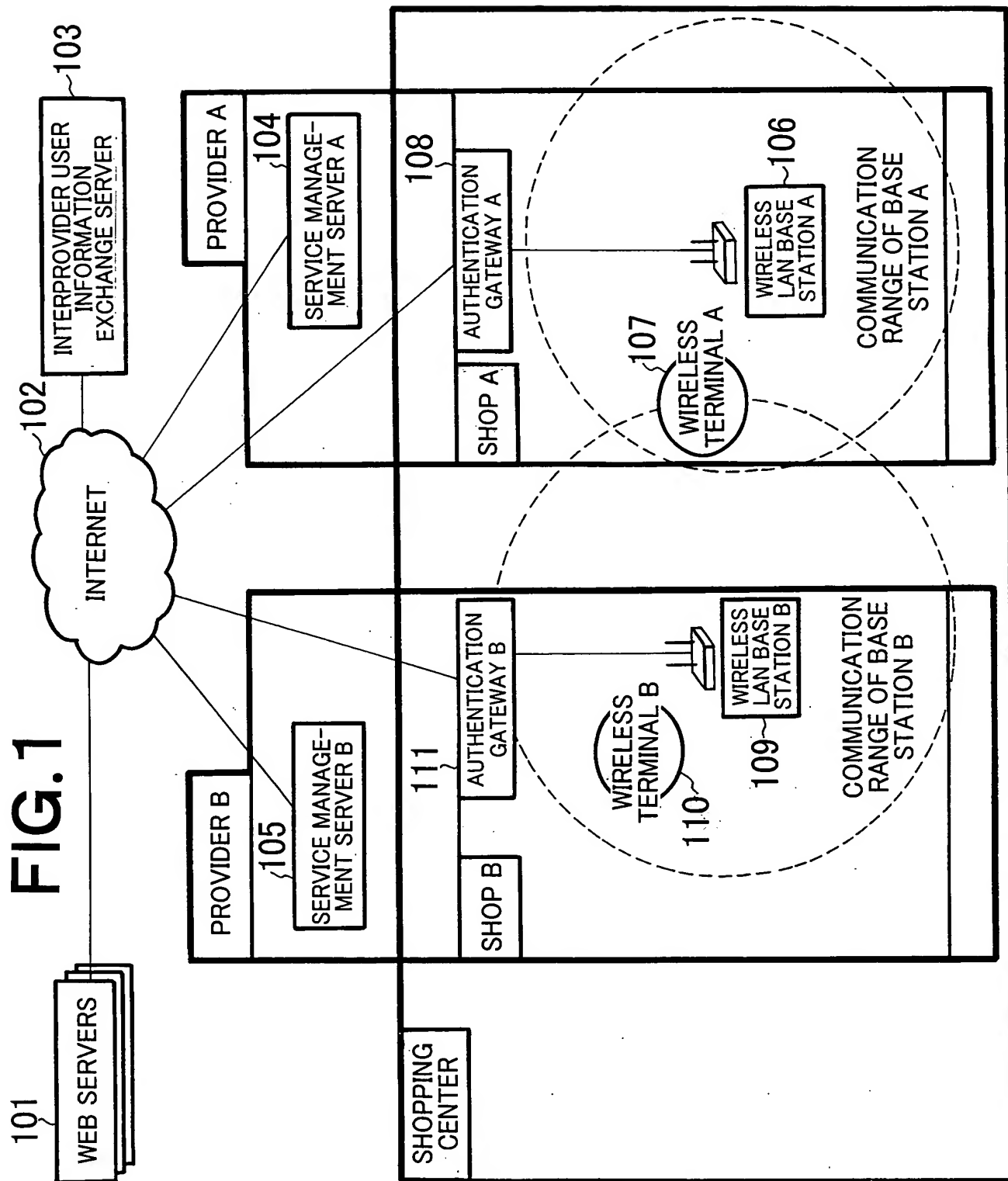


FIG.2

WIRELESS TERMINAL

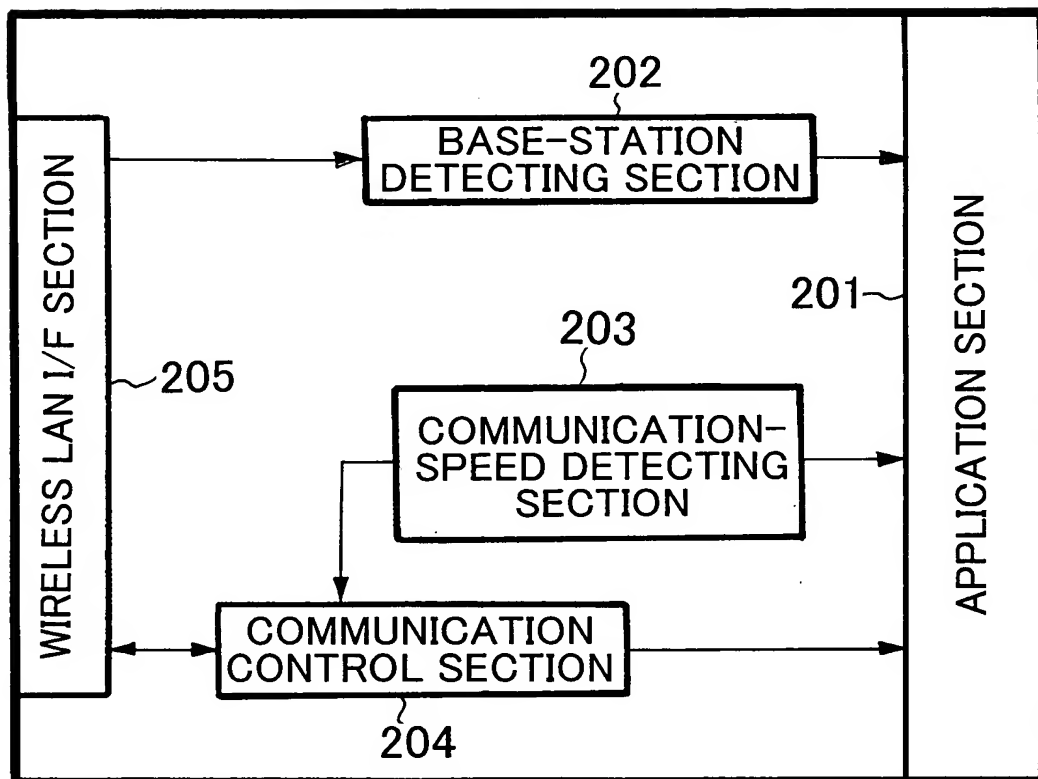


FIG.3

WIRELESS TERMINAL

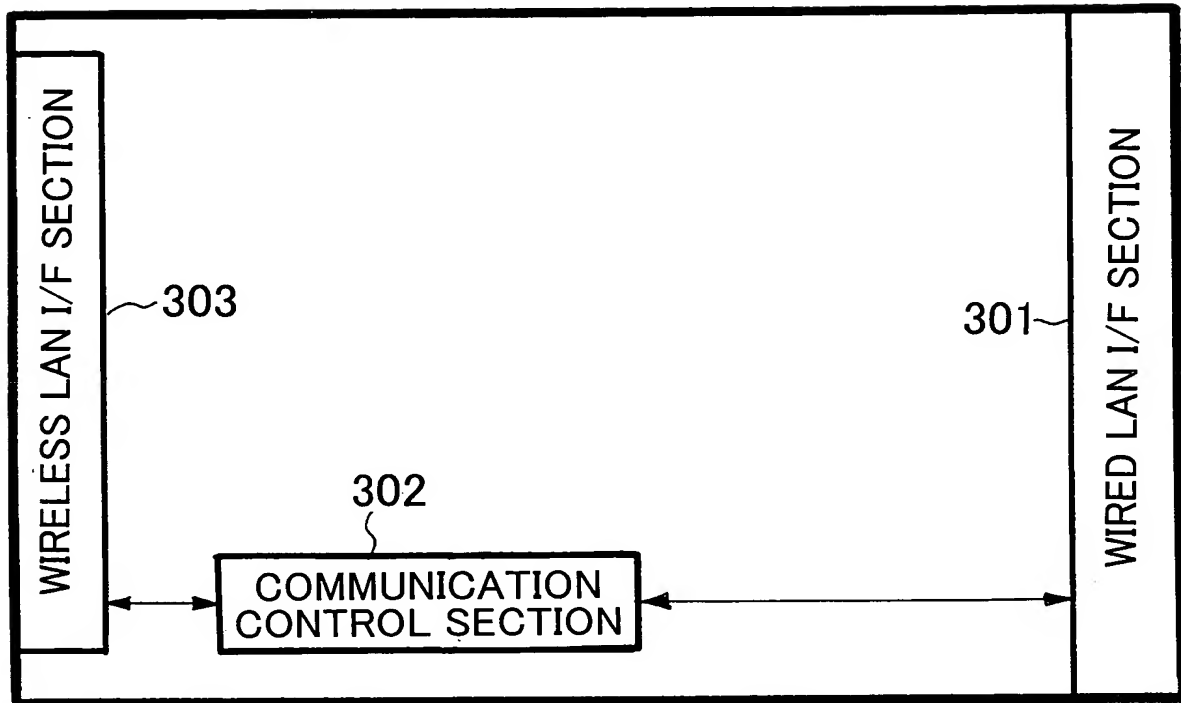


FIG.4

AUTHENTICATION GATEWAY

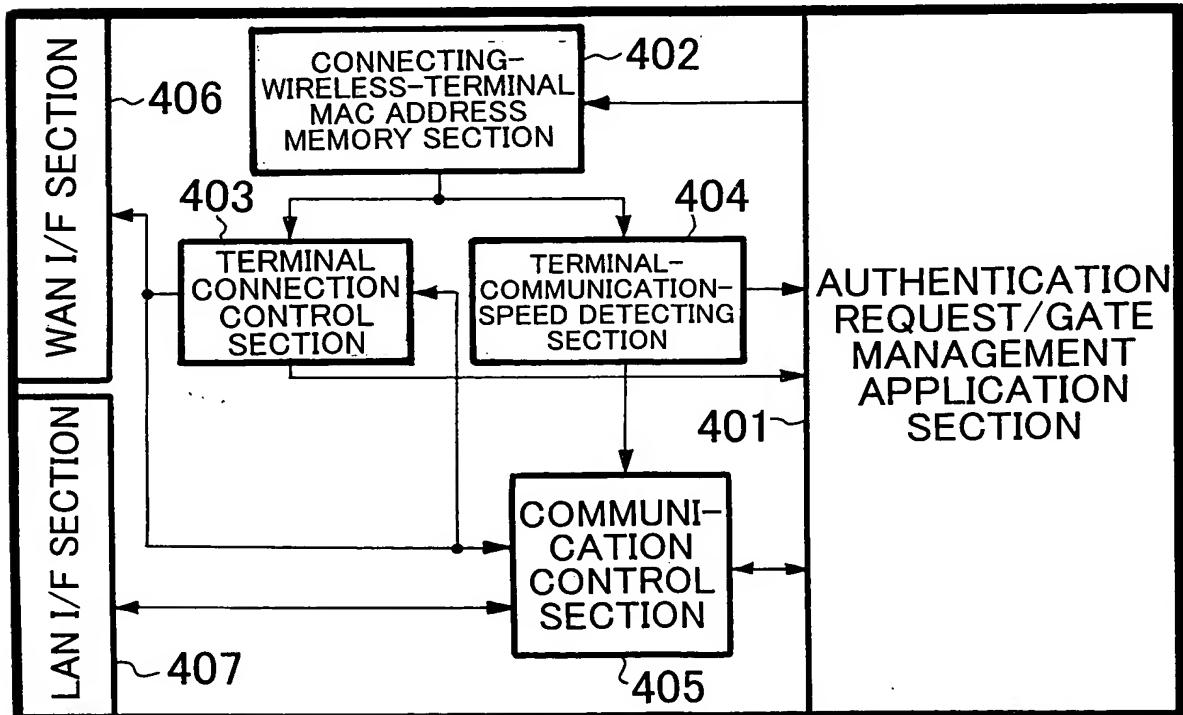


FIG.5

SERVICE MANAGEMENT SERVER

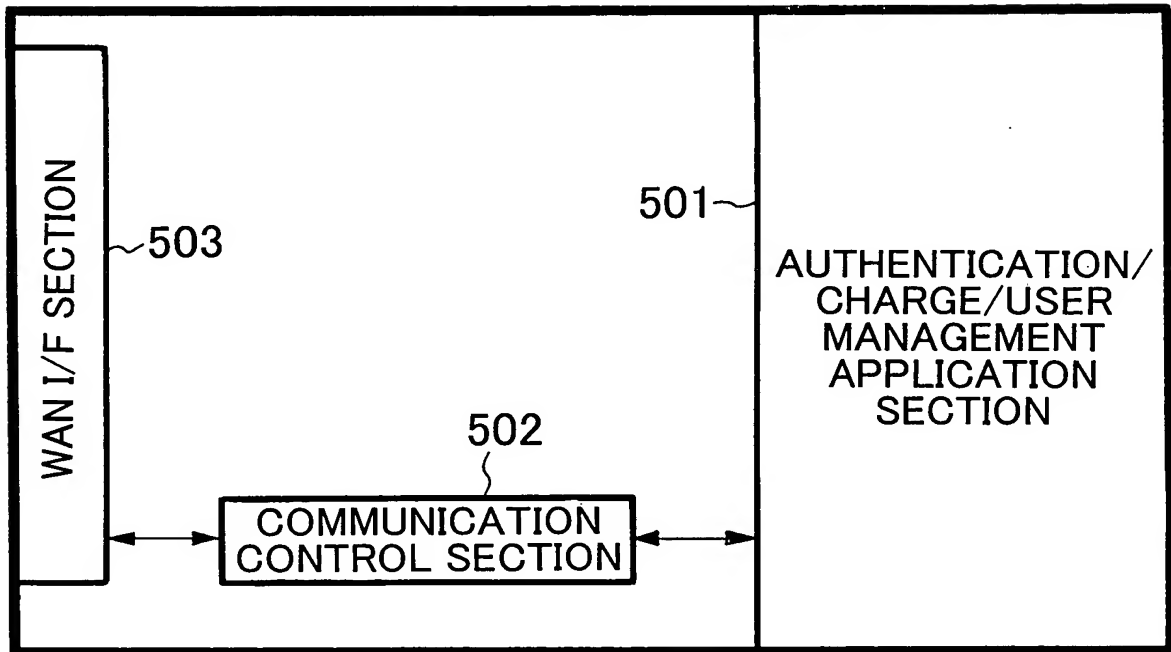


FIG.6

INTERPROVIDER USER INFORMATION EXCHANGE SERVER

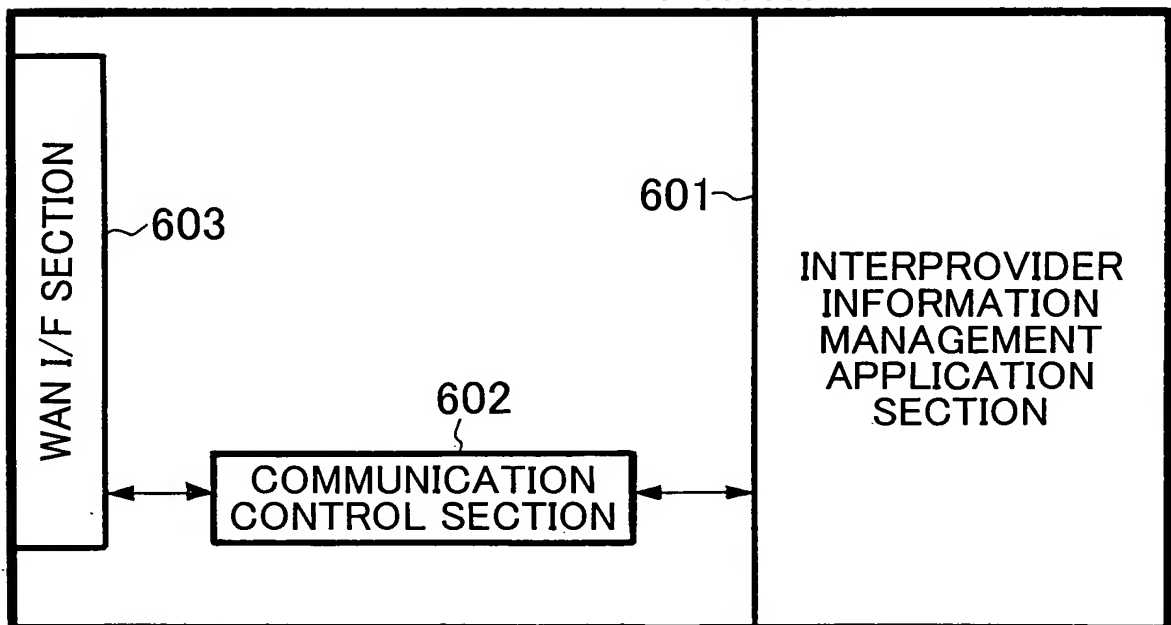


FIG.7

TABLE OF SERVICE MANAGEMENT SERVER
(FOR CONTRACTED USERS)

USER ID 701	PASSWORD 702	MAC ADDRESS 703	MONTHLY ROAMING COMMUNICATION AMOUNT 704	MONTHLY ROAMING COMMUNICATION TIME 705	ROAMING CHARGE 706
EXAMPLE: Yamada Suzuki ...	EXAMPLE: XXXXXX YYYYY ...	EXAMPLE: 11:22:33:44:55:66 AA:BB:CC:DD:EE:FF ...	EXAMPLE: 20000Kbyte 500Kbyte ...	EXAMPLE: 10:30 2:00 ...	EXAMPLE: ¥2,000 ¥100 ...

TABLE OF SERVICE MANAGEMENT SERVER
(FOR USERS CONTRACTED WITH OTHER PROVIDERS)

INTERPRO- VIDER COMMON ID 707	MAC ADDRESS 708	MONTHLY ROAMING COMMUNICATION AMOUNT 709	MONTHLY ROAMING COMMUNICATION TIME 710	ROAMING CHARGE 711
EXAMPLE: 11223344 11223345 ...	EXAMPLE: 22:33:44:55:66:77 33:44:55:66:77:88 ...	EXAMPLE: 10000Kbyte 300Kbyte ...	EXAMPLE: 9:30 1:30 ...	EXAMPLE: ¥1,500 ¥100 ...

FIG.8

USER INFORMATION

INTERPROVIDER COMMON ID 801	CONTRACTED PROVIDER 802	PROVIDER INHERENT ID 803	PROVIDER INHERENT PASSWORD 804
EXAMPLE: 11223344 11223345 11223346 11223347 ...	EXAMPLE: PROVIDER A PROVIDER A PROVIDER B PROVIDER B ...	EXAMPLE: Tanaka Sato Yamada Suzuki ...	EXAMPLE: TTTTT SSSSS XXXXX YYYYY ...

ROAMING HISTORY

INTERPROVIDER COMMON ID 805	OTHER PROVIDER NAME 806	MONTHLY ROAMING COMMUNICATION AMOUNT 807	MONTHLY ROAMING COMMUNICATION TIME 808	ROAMING CHARGE 809
EXAMPLE: 11223344 ...	EXAMPLE: PROVIDER B PROVIDER C ...	EXAMPLE: 10000Kbyte 600Kbyte ...	EXAMPLE: 9:30 1:30 ...	EXAMPLE: ¥1,500 ¥200 ...
EXAMPLE: 11223345 ...	EXAMPLE: PROVIDER B PROVIDER C ...	EXAMPLE: 300Kbyte 400Kbyte ...	EXAMPLE: 1:00 1:15 ...	EXAMPLE: ¥100 ¥150 ...
...

FIG.9

FLOWCHART FOR WIRELESS TERMINAL

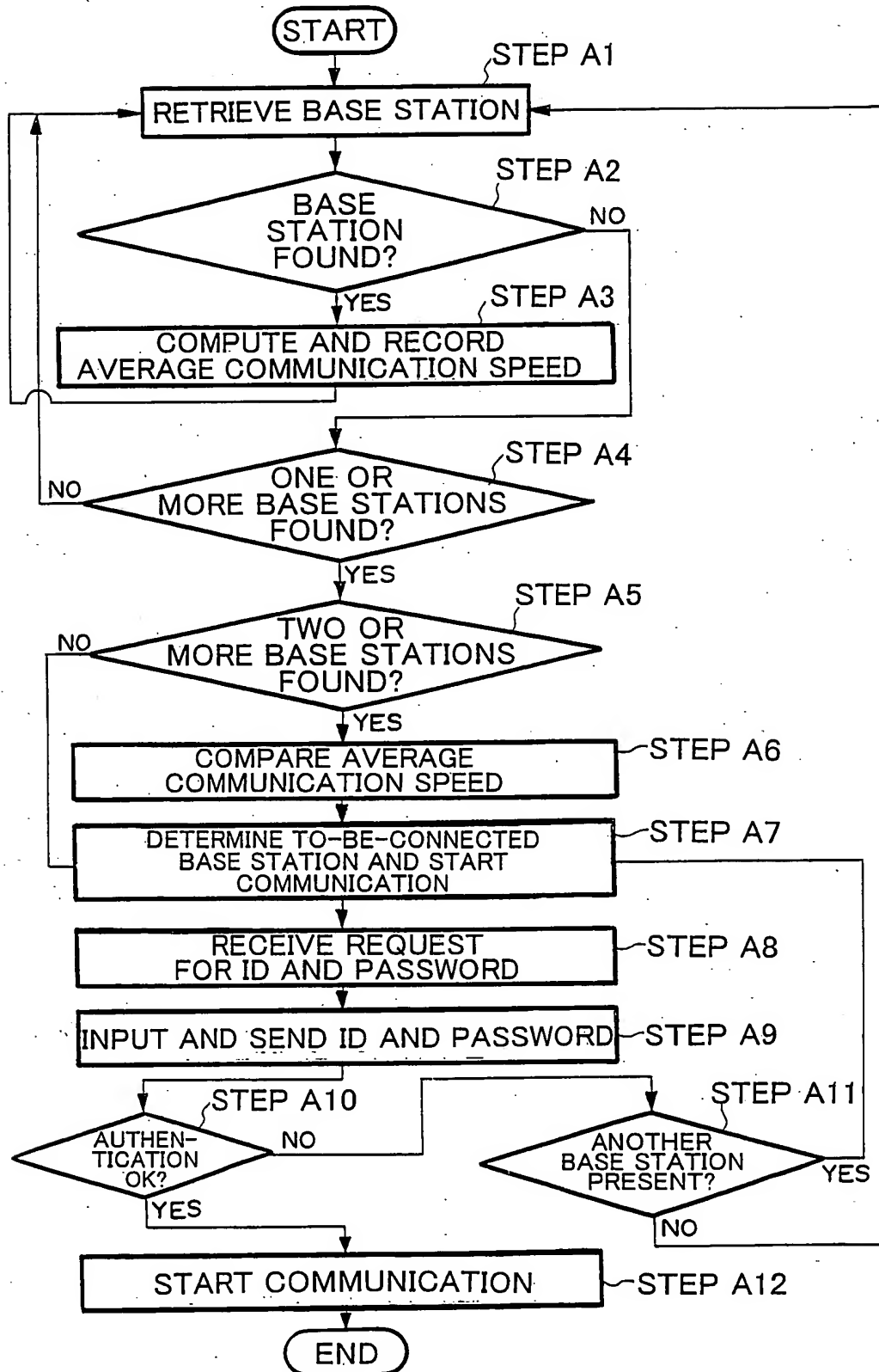


FIG.10

FLOWCHART FOR AUTHENTICATION GATEWAY

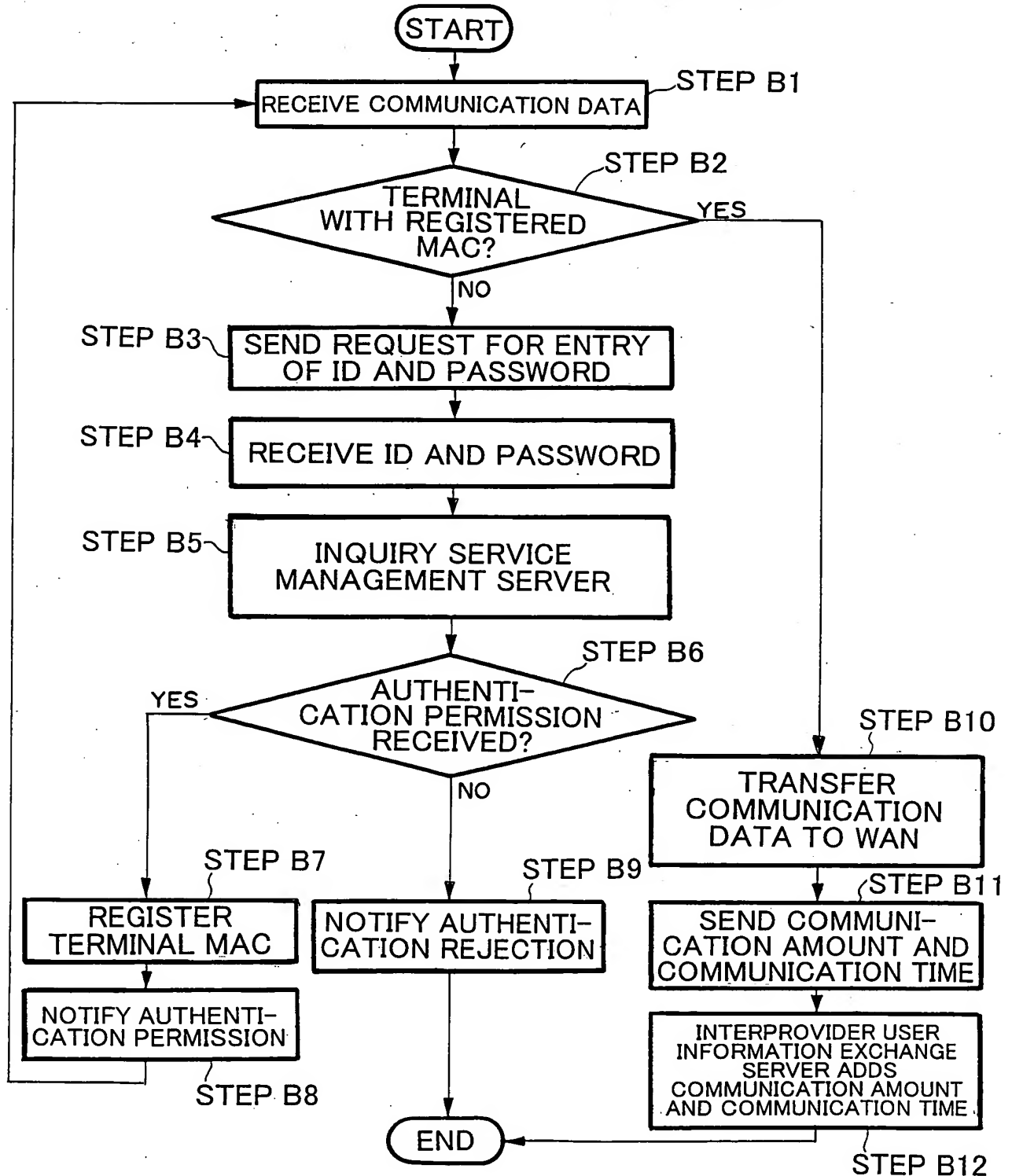


FIG. 11

FLOWCHART FOR SERVICE MANAGEMENT SERVER

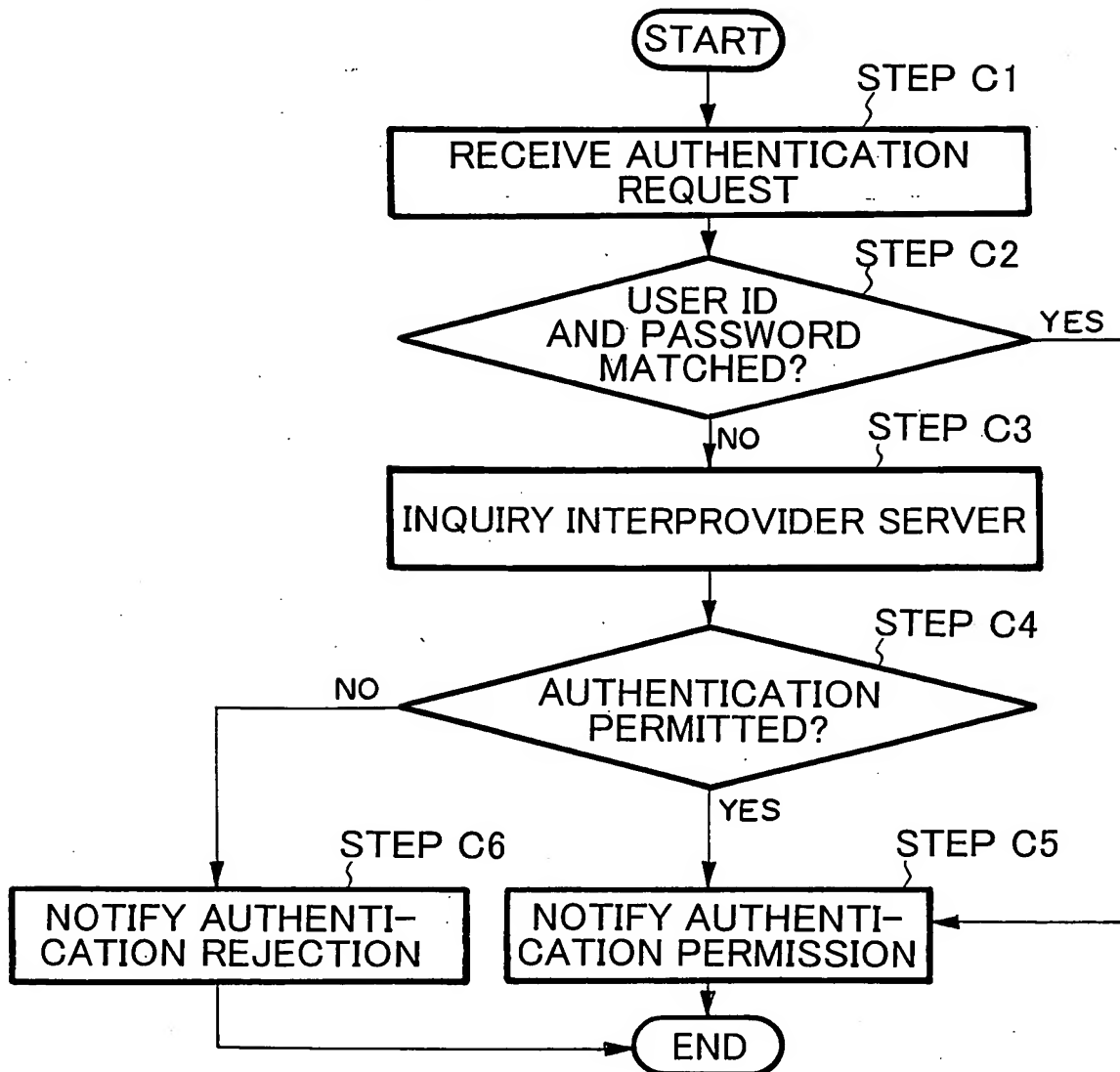


FIG. 12

FLOWCHART OF ROAMING CHARGE SETTLING PROCESS

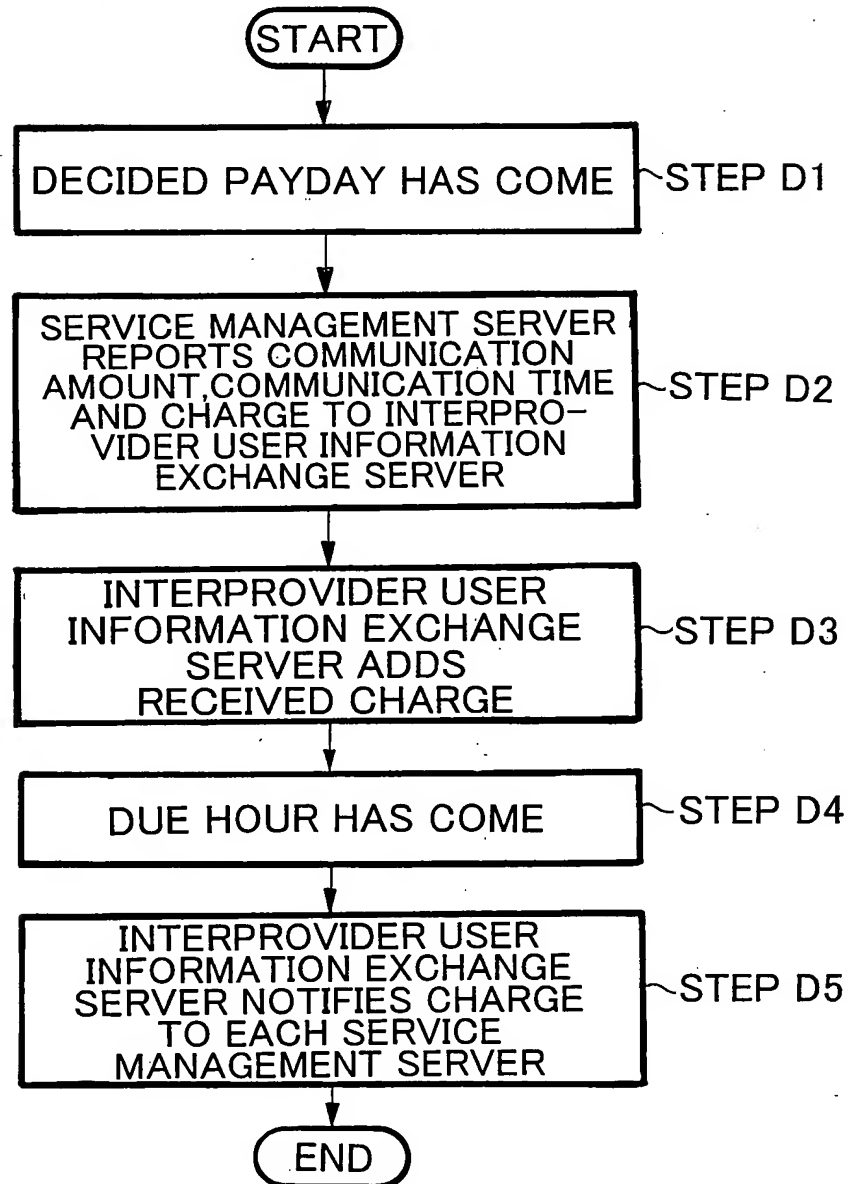


FIG. 13

WIRELESS LAN BASE STATION

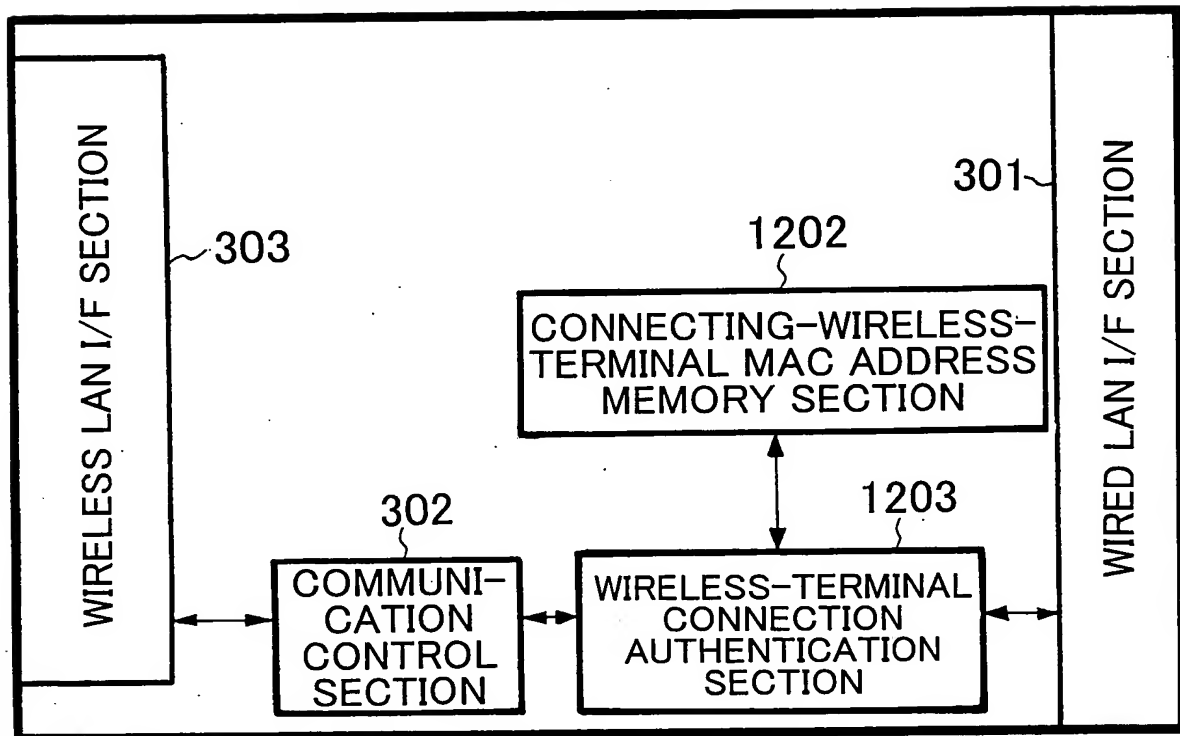


FIG. 14

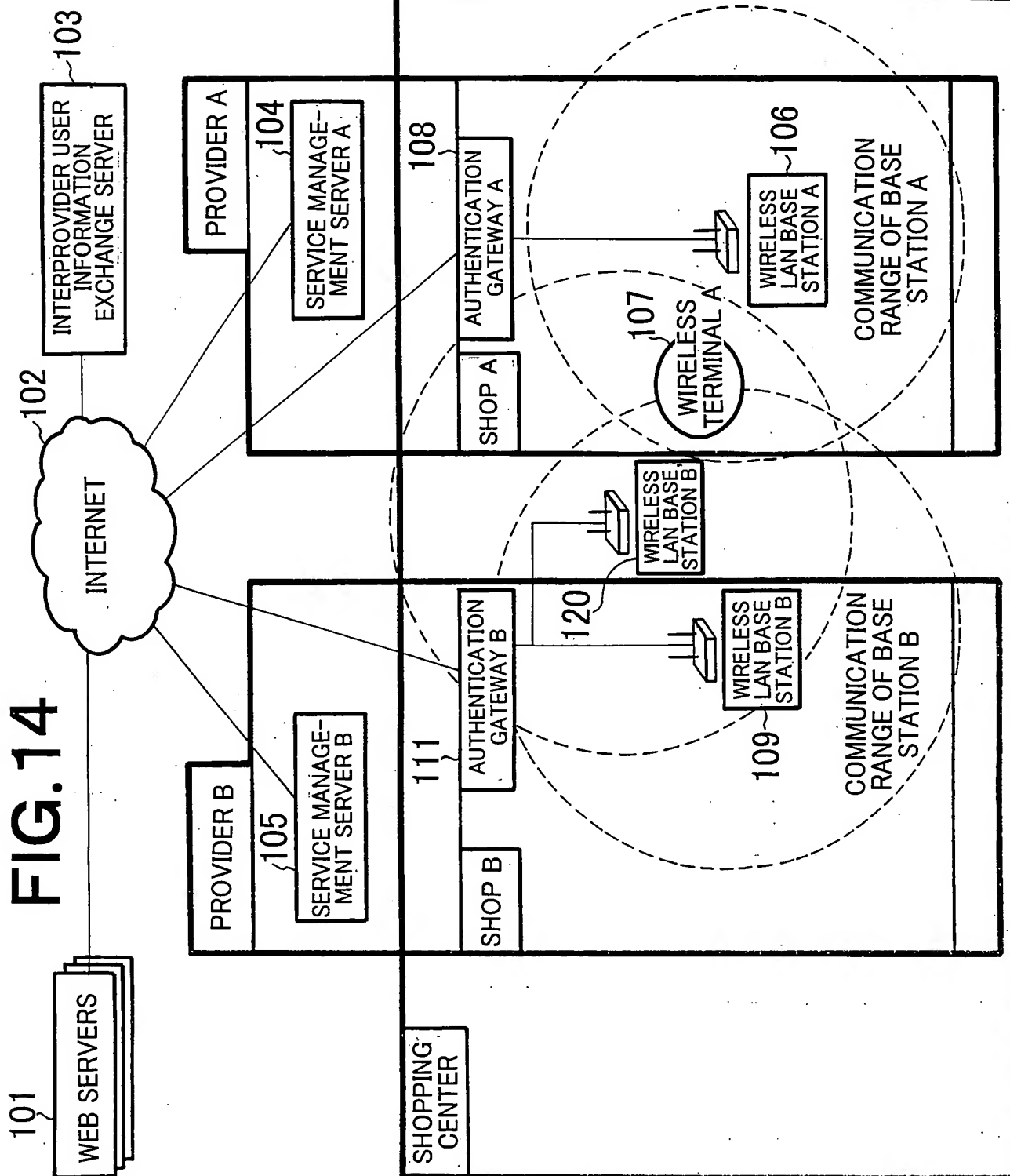


FIG.15

WIRELESS LAN BASE STATION

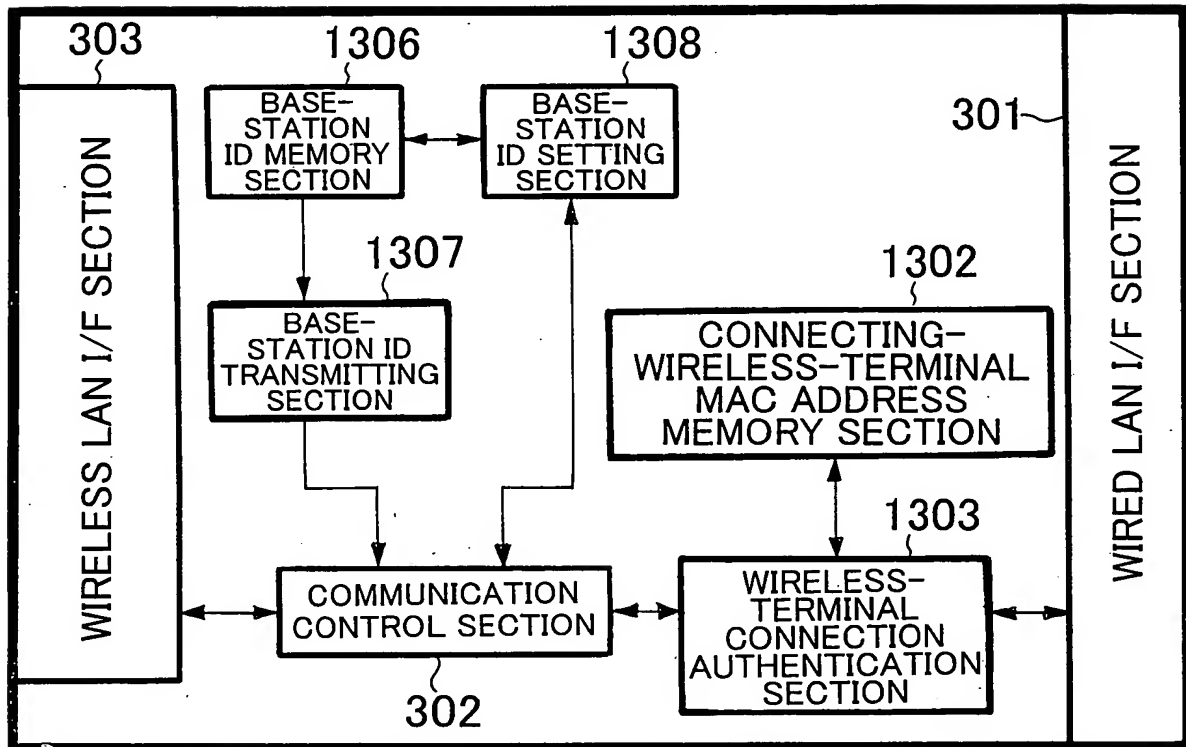


FIG. 16

